

IN THE SPECIFICATION:

[0020] As shown in Fig. 1, the rotor 18 is mounted on a central axial shaft 60 and has an annular outer rotor component 62 supported from the shaft 60 by radial arms 64. As best seen in the schematic cross-sectional view of Fig. 2, the annular rotor component 62 supports a circumferential array of angularly spaced permanent magnets 66 received in openings 68 in the annular rotor component 62, the magnets being oriented to produce magnetic flux through adjacent pole pieces 70 which links the windings 24 in the stator 12 as the rotor 18 turns within the stator. Preferably, as shown in the cross-sectional view of Fig. 3A, each of the slots 68 receives a row of individual magnet [60] 66 aligned in the axial direction of the rotor 18 and, as shown in Fig. 3B, the rotor pole piece 70 consists of an array of circular lamination members 72 and is affixed by screws 74 to an inner cylindrical rotor member 76, the assembly being retained together by end pieces 68 at each end.